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0	For receiving Office use only		
0-1	International Application No.	PCT/F102/00317	
0-2	International Filing Date	1 5 APR 2002 (1:5 -04- 2002)	
)-3	Name of receiving Office and "PCT International Application"	The Finnish Patent Office PCT International Application	
1-4	Form - PCT/RO/101 PCT Request		
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.01.2002)	
)-5	Petition		
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	National Board of Patents and Registration (Finland) (RO/FI)	
0-7	Applicant's or agent's file reference	2001043PC/ko	
	Title of invention	METHOD AND APPARATUS FOR AUTOMATIC LOADING OF DUMPER	
I	Applicant		
I-1	This person is:	applicant only	
11-2	Applicant for	all designated States except US	
11-4	Name	SANDVIK TAMROCK OY	
11-5	Address:	Pihtisulunkatu 9	
		FIN-33330 Tampere	
		Finland	
11-6	State of nationality	FI	
1-7	State of residence	FI	
11-1	Applicant and/or inventor		
il-1-1	This person is:	applicant and inventor	
II-1-2	Applicant for	US only	
11-1-4	Name (LAST, First)	PULLI, Riku	
III-1-5	Address:	Rahinkuja 3 B 9 FIN-33340 Tampere	
		Finland	
III-1 <b>-</b> 6	State of nationality	FI	
		FI	

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III-2	Applicant and/or inv nt r		
111-2-1	This person is:	applicant and inventor	
111-2-2	Applicant for	US only	
111-2-4	Name (LAST, First)	JASU, Jari	
111-2-5	Address:	Frantsinkatu 2-4 C 5	
		FIN-32200 Loimaa	
		Finland	
111-2-6	State of nationality	FI	
111-2-7	State of residence	FI	
III-3	Applicant and/or inventor		
III-3-1	This person is:	applicant and inventor	
111-3-2	Applicant for	US only	
III-3 <del>-4</del>	Name (LAST, First)	KALLIO, Janne	
111-3-5	Address:	Värttinäkatu 16 B	
		FIN-21260 Raisio	
		Finland	
III-3 <b>-</b> 6	State of nationality	FI	
III-3-7	State of residence	FI	
IV-1	Agent or common representative; or		
	address for correspondence The person identified below is	agent	
	hereby/has been appointed to act on	agent	
	behalf of the applicant(s) before the competent International Authorities as:		
IV-1-1	Name	KOLSTER OY AB	
IV-1-2	Address:	Iso Roobertinkatu 23	
		P.O.Box 148	
		FIN-00121 Helsinki	
		Finland	
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IV-1-4	Facsimile No.	+358 9 602 244	

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V	Designati n f Stat s	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)  National Patent (other kinds of protection or treatment,	AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other Stat which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT AE AG AL AM AT (patent and utility model) AU AZ BA BB BG BR BY BZ CA CH&LI
	if any, are specified between parentheses after the designation(s) concerned)	model) AU AZ BA BB BG BR BI BZ CA CH&LI CN CO CR CU CZ (patent and utility model) DE (patent and utility model) DK (patent and utility model) DM DZ EC EE (patent and utility model) ES FI (patent and utility model) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK (patent and utility model) SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW
V-5	Precautionary Designation Statement	TR 11 12 OR GG GD GD VR 10 2M 2M
	In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
	Lacaignations	<u> </u>

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VI-1	Priority claim of earli r nati nal application			
VI-1-1	Filing date	17 April 2001 (17.04	.2001)	
VI-1-2	Number	20010790		
VI-1-3	Country	FI		
VI-2	Priority document request			
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1		
VII-1	International Searching Authority Chosen	Swedish Patent Offic	e (ISA/SE)	
VIII	Declarations	Number of declarations		
VIII-1	Declaration as to the identity of the inventor	-		
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-		
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-		
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-		
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	_		
IX	Check list	number of sheets	electronic file(s) attached	
IX-1	Request (including declaration sheets)	5	-	
IX-2	Description	9	_	
IX-3	Claims	4	-	
IX-4	Abstract	1	EZABST00.TXT	
IX-5	Drawings	2	-	
IX-7	TOTAL	21		
	Accompanying items	paper document(s) attached	electronic file(s) attached	
IX-8	Fee calculation sheet	✓	-	
IX-11	Copy of general power of attorney	reference no. <no.></no.>	-	
IX-17	PCT-EASY diskette	-	Diskette	
IX-18	Other (specified):	Copy of Official Action	-	
IX-19	Figure of the drawings which should accompany the abstract	1	I	
IX-20	Language of filing of the international application	English		
X-1	Signature of applicant, agent or common representative			
X-1-1	Name	KOLSTER OY AB	Valkeiskangas	

## **PCT REQUEST**

2001043PC/ko

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10-1	Dat of actual rec ipt of the purp rted internati nal applicati n	1 5 A	PR 2002	(1 5 -04- 2002)	
10-2	Drawings:				
10-2-1	Received				
10-2-2	Not received				
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application				
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)				
10-5	International Searching Authority	ISA/SE			
10-6	Transmittal of search copy delayed until search fee is paid				

## FOR INTERNATIONAL BUREAU USE ONLY

44 4	Date of receipt of the record copy by	1
77-7	Date of receipt of the record copy by	1
	At a take an at a mot Damage.	
	the International Bureau	